

Commonwealth of Massachusetts
Department of Telecommunications and Energy
Fitchburg Gas and Electric Light Company
Docket Nos. D.T.E. 02-24
Attorney General's Second Set of Document and Information Requests

Request No. AG 2-5:

Please provide electronic versions (working models with all related and referenced spreadsheet models and data) of Mr. the weather normalization calculations (gas) in Excel or Lotus 123 format. The electronic versions must contain all formulae and permit the recalculation of the results. Describe of how each model/spreadsheet was constructed and operates (identify key variables, inputs and outputs).

Response:

Weather normalization was performed using MAC's proprietary Sales and Demand model as well as its Weather Analysis model. These models are confidential and contains trade secrets and otherwise proprietary materials of Management Applications Consulting, Inc. In order to maintain the confidential nature of this information, a non-disclosure agreement will be required in order to prevent unauthorized access or inadvertent distribution of these materials that would be harmful to MAC. Key input variables for the weather model is daily degree days for at least 20 years. Output is normal and design weather data. Key input data to the Sales and Demand Model is monthly bills and sales by rate class, rate schedules and normal and actual weather data from the weather model. Output data includes weather normalization adjustments by month and class for sales, base revenues and gas revenues, design day demand by class and Proportional Responsibility allocation factors.

Person Responsible: James L. Harrison